PILOT CHEMICAL COMPANY

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www.pilotchemical.com
9075 Centre Pointe Drive • Suite 400
West Chester, OH 45069

CALNEXT™ 190C

PRODUCT DATA SHEET PDS

764190.4.ACTIVE-2.06172026

PRODUCT DESCRIPTION

CalNext™ 190C is a biobased, proprietary, patented surfactant. CalNext™ 190C is a clear, 40% solids, nonionic biobased surfactant that is derived from renewable, biomass feedstocks and is produced via sustainable production methods. It is compatible over a wide pH range with other anionic, nonionic, amphoteric surfactants, and other formula ingredients like builders, polymers, and solvents.

COMMON CHEMICAL NAME

Caprylyl/Gapryl Glucoside (and) Maltodextrin Caprylate

CAS

68515-73-1 and 2736503-99-2

TYPICAL PROPERTIES

Appearance (25°C)	Clear Liquid
Solids, wt.%	38 – 41
Viscosity (25°C), cP	500 (Max)
Color (as-is), Klett	85 (Max)
Surface Tension (1% active), mN/m	29.0
Specific Gravity (25°C)	1.1
Ross Miles Foam (1% active), mm	Initial: 169; after 5 min: 168
pH (as-is)	7.0 – 8.0
RCI (calculated), wt.%	95.0%
Freeze Point, °C	-3.9
Shelf Life	1 Year

APPLICATIONS

CalNext™ 190C biobased surfactant has excellent wetting, surface tension and foaming properties, which make it the surfactant of choice for a wide variety of HI&I applications such as all-purpose cleaner, bathroom tub & tile cleaner, floor cleaner, manual dish wash, and laundry detergents. It performs well under a range of conditions like water hardness, temperature, and in the presence of commonly used builders and solvents. CalNext™ 190C biobased surfactant can be used alone or in combination with other anionic, nonionic, and amphoteric surfactants.

Consumer Products:

- Permitted in Aqueous Dispersions
- No Spray Applications
- Can have <= 40% of CalNext™ 190C in End-Use formulation

Industrial Products:

- Permitted in Aqueous Dispersions
- Spray Applications Require Respirator

ADVANTAGES

CalNext™ 190C biobased surfactant is a clear product that is stable over a wide pH range making it suitable for a variety of formulations. CalNext™ 190C is a sustainable, renewable, and biobased surfactant that offers superior cleaning and soil removal properties making it a perfect choice for HI&I cleaning product formulations. It has great detergency, is highly water soluble, has low interfacial surface tension making it an effective surfactant for HI&I applications.

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STORAGE & HANDLING

Please refer to the CalNext™ 190C biobased surfactant SDS before handling. Avoid contact with eyes. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a tightly closed container. Do not store with incompatible materials. Recommended storage temperatures are 32-120ºF, avoid excessive heat.

PACKAGING

CalNext™ 190C biobased surfactant is available in 450 lb. poly drums, 2250 lb. poly totes, and bulk quantities.

See additional product information at www.pilotchemical.com.

The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confirm the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.

RESPONSIBLE CARE®